

Amendments to the Specification:

Please replace paragraph [0058] with the following amended paragraph:

[0058] A single mammalian cell of the same species as the enucleated oocyte will then be transferred into the perivitelline space of the enucleated oocyte used to produce the activated embryo. The mammalian cell and the enucleated oocyte will be used to produce activated embryos according to methods known in the art. For example, the cells may be fused by electrofusion. Electrofusion is accomplished by providing a pulse of electricity that is sufficient to cause a transient breakdown of the plasma membrane. This breakdown of the plasma membrane is very short because the membrane reforms rapidly. Thus, if two adjacent membranes are induced to breakdown and upon reformation the lipid bilayers intermingle, small channels will open between the two cells. Due to the thermodynamic instability of such a small opening, it enlarges until the two cells become one. Reference is made to U.S. Pat. No. 4,994,384 ~~4,997,384~~ by Prather *et al.*, (incorporated by reference in its entirety herein) for a further discussion of this process. A variety of electrofusion media can be used including e.g., sucrose, mannitol, sorbitol and phosphate buffered solution. Fusion can also be accomplished using Sendai virus as a fusogenic agent (Ponimaskin *et al.*, 2000).